Claims

1. A device for cleaning the internal surface of a pipe having a main pipe axis, the device including:

one or more tubular conduits, including a conduit wall, at least one of the or each tubular conduit including an inlet to receive pressurised gas into the tubular conduit,

one or more nozzles deployed around the outside of the or each tubular conduit, the or each nozzle being in fluid connection with the tubular conduit,

at least one nozzle directed at least partially to direct fluid in a direction non-perpendicular to the main tubular conduit axis,

one or more spacer elements to hold the or each tubular conduit in spaced relationship to a pipe, wherein the device includes an atrium body to house data and power cables, said atrium body being tubular, with the or each tubular conduit secured to the outside of the atrium body.

2. A device according to claim 1, wherein the device includes a camera head to provide images of the inside of a pipe.

3. A device according to claim 2, wherein the camera head is connected via the data cable to a data receiver, and a power source via the power cable.

4. A device according to claim 3, wherein the device includes a capacitor deployed between the power supply and the camera head.

5. A device according to any preceding claim, wherein the or each tubular conduit is deployed concentrically and coaxially around the atrium body.

6. A device according to any preceding claim, wherein the device includes a plurality of tubular conduits, each tubular conduit being fluidly linked to an air supply.

7. A device according to claims 1 - 5, wherein each tubular conduit is fluidly linked to its own air supply.

8. A device according to claims 2-7, wherein at least one nozzle is directed onto the camera head.

9. A device according to any preceding claim, wherein the or each spacer element is a leg, the leg secured at a first end to the atrium body and extending away from the device, the legs co-operating together to support on their respective second ends, the conduit in spaced relationship to an inner pipe wall.

10. A device according to claim 9, wherein each second end of each leg has a wheel.

11. A device according to claim 10, wherein the device includes eight legs the second end of each being at the corner of a cube or rectangular cuboid.

12. A device according to any preceding claim, wherein the spacer element includes a cage.

13. A device according to claim 12, wherein the cage is in two parts releasably securable together.

14. A device according to claims 2 – 13, wherein the or each nozzle is directed away from the camera head.